Vote Yes on Measure A!
Safeguard Our San Diego Countryside

The purpose of Measure A, the Safeguard Our San Diego Countryside (SOS) Initiative, is to provide San Diego County residents with a stronger voice in how and where housing is built in the unincorporated county. Simply put, this grassroots initiative requires voter approval of proposed changes to the County’s General Plan that would significantly increase residential density in fire-prone rural and semi-rural areas. Projects like Newland Sierra, Harmony Grove Village South, Valiano, and Adara are being approved by the Board of Supervisors in spite of strong community opposition and the negative traffic, air pollution, and climate impacts they will cause.

San Diego County’s General Plan allows for the construction of 60,000 new housing units with a broad range of affordability, including apartments and condos, townhouses, and single-family homes. Measure A encourages the construction of these homes, which can be built now without any changes to the General Plan or public votes. Projects that provide genuine low income housing in accordance with state law are exempt from the initiative. New housing in areas close to roads and other infrastructure is less expensive to build and therefore more affordable. Measure A does not ban any new housing that is now allowed in the General Plan.

With just 3 votes, the Board of Supervisors can amend the General Plan to let developers, many of whom have supported the supervisors’ political campaigns, build large sprawl housing developments on rural and semi-rural land far from jobs, schools, and services. These General Plan Amendments (GPAs) increase traffic and fire risks for the public while driving up profits for developers. SOS would bring transparency and oversight into the process by requiring developers to justify their amendments to the voters.

San Diego County’s award-winning smart growth General Plan concentrates new housing in areas where roads, police

VOTE NO on Measure B
– Newland Sierra

In September of 2018, the Board of Supervisors approved one of the largest and most egregious County General Plan amendments – the Newland Sierra project. This controversial approval caused a community outcry that fueled the countywide collection of 117,000 signatures in 17 days and qualified a referendum on the March 2020 ballot. (The only way to overturn approval is by referendum.)

Newland Sierra is a mega-development project of approx. 2,200 homes in a rural area zoned for 100. The project would add 6,000 residents – equal to a city the size of Del Mar – to North Twin Oaks Valley, which does not have the resources (like transit, water, sewer) for a large-scale development. Thousands of people are opposed to Newland Sierra because:

- Adds 6,000 residents to a rural area – tripling the community’s size
- Adds 28,000 new trips per day to the surrounding transportation system making it nearly impossible to reach statewide greenhouse gas emission goals
- Located in a “Very High Fire Hazard Severity Zone”
- Destroys sensitive habitat and eliminates one of two critical wildlife corridors under I-15
- Includes “offshore” offsets that deprive local residents of critical health benefits
- Does nothing to help the housing affordability crisis
- 10 years of construction, including blasting, rock crushing, truck traffic, noise and air quality impacts

Newland Sierra is a destructive and ill-conceived project that is opposed by dozens of community and interest groups, including the League of Women Voters, Climate Action Campaign, Escondido Neighbors United, Endangered Habitats League, Buena Vista Audubon Society, California Native Plant Society, Wildlife & Habitat Conservation League and the Sierra Club. Voters are urged to vote NO to stop this project that not only destroys the environment but contains NO actual affordable housing.

For more information about the No on Newland Sierra campaign, please visit www.noonnewlandsierra.com.
It is a great honor to have been chosen as your new Chair of the San Diego Sierra Club Executive Committee and I look forward to working closely with new Vice Chair Lisa Ross to advance a strong agenda. We will work together to preserve our last natural lands from all threats, to protect our beleaguered climate by ending use of fossil fuels and supporting appropriate renewable energy, to support environmental justice in underserved communities, to connect people with nature through outdoor recreation, and to uphold and further the core values of this incredible organization.

The Sierra Club is the oldest and one of the largest and most influential environmental organizations in the world. But what really makes the Sierra Club stand out in a crowded field is its strong democratic structure where anyone with an interest has an opportunity to participate in an established organizational structure to disseminate and amplify important environmental issues. More than any other organization, the public and elected officials recognize the leading brand and voice of the Sierra Club and pay close attention to our positions on critical issues. This is both an enormous opportunity and responsibility.

Outgoing Executive Committee members deserve recognition and gratitude for their incredible leadership of the San Diego Sierra Club. Fred Rogers has been a voice for the strongest possible Sierra Club positions on conservation issues and has applied a seemingly bottomless knowledge and wisdom in politics to his continuing role as Chair of the Political Committee. George Courser has shared his knowledge and leadership on virtually every conservation issue in San Diego and beyond and will continue in this role as Chair of the Conservation Committee. Brian Elliot’s passion for environmental issues and our mission has been the foundation for his grounded leadership on the Excom and as past Chair of the Political Committee. And former Executive Committee Chair Peter Anderson seems to have been everywhere at once on nearly every single issue of any importance to the Sierra Club. Whether it was our leading support for the San Diego State University West Initiative or opposing the myriad new awful sprawl development projects by writing letters and attending every County Board of Supervisors’ or San Diego City Council meeting, Peter was there. Peter was also effective behind the scenes with time-consuming organizational management, not the least of which was his and Chapter Director Richard Miller’s leadership to reinstate the San Diego Chapter. So, to all of our retiring Excom leaders, THANK YOU! And to all our members, please join us in Sierra Club leadership to keep our momentum rolling!

Measure A continued from page 1

and fire, schools, and other public services are already available. These locations are easier to defend from wildfire and have a lower taxpayer burden because they don’t require the construction of new and wider roads, additional schools and fire stations, or expanded water and power lines. Large sprawl housing developments that require General Plan Amendments (GPAs) lack these benefits and increase the already significant fire danger in San Diego County’s backcountry. SOS gives voters an opportunity to say “NO” to dense developments in these fire-prone areas by rejecting unwise GPAs.

Please see the SOS website [https://saveoursdcountryside.org](https://saveoursdcountryside.org) for further information and how you as a Sierra Club member can assist in the battle to prevent bringing urban sprawl and wildfire risks in the rural and semi-rural areas of San Diego County.

Donations to help us get our message out are greatly needed and can be made on the SOS website.
Farewell from the Chair
By Peter Andersen
Sierra Club San Diego has a new executive committee led by Chairperson, David Hogan and Vice Chairperson Lisa Ross.

I am not going anywhere; I will still be active on legal committee and conservation committee of Sierra Club San Diego and the political committee of Sierra Club California.

It has been a wonderful 2 years as chapter chair and the successful collaborations with other Sierrans has been a real joy. Our fabulous environment law firm Chatten-Brown has won a whole series of lawsuits stopping sprawl developments and making the county improve and rewrite their climate action plan. Mitigations for greenhouse gas must now be done in San Diego County not in some far-off county where such mitigations may not be real, additional, verifiable, or enforceable.

Our wilderness basics course continues to train and certify dozens of people headed for the backcountry. Our outings groups sponsor trips of all sorts including skiing, backpacking, hiking, boating, and exploring.

Our club has increased housing in the county by endorsing important projects like SDSU Mission Valley that will provide housing for nearly 5000 people and Otay 250 a project near the border that will provide over 3000 new units. Sierra Club does not oppose development, we oppose sprawl development that reduce our quality of life.

Our political team continues to endorse candidates who win and help us protect the environment. March 3 is the California primary where you be sure to vote for Olga Diaz or Terra Lawson-Remer in the crucial race for county supervisor. Voters should be sure to vote Aye (yes) on proposition A, the Newland sprawl project. These two initiatives will help prevent wildfire, stop increase is traffic, and reduce air pollution and greenhouse gas.

It has been a pleasure to lead Sierra Club San Diego and I hope you will continue to collaborate on the important work to protect San Diego and the Planet.

2020 March Primary HiSierran Endorsements

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**OPPOSE** – Board of Supervisors, District 2 – Joel Anderson
**OPPOSE** – Board of Supervisors, District 3 - Kristen Gaspar
Measure A (Save Our San Diego Countryside-SOS) – YES
Measure B (Newland Sierra Development) - NO
City of Chula Vista
City Council, District 3 – Steve Padilla
City of San Diego
City Council, District 1 – Joe LaCava
City Council, District 5 – Marni von Wilpert
City Council, District 7 – Raul Campillo
City Council, District 9 – Sean Elo

Candidate Statements

Mike Levin – U.S. Representative, 49th District

Mike Levin is a passionate believer in clean energy and has over a decade of experience in the industry, helping to accelerate the transition towards more sustainable power generation and transportation options. Mike has served for several years on the board of the Center for Sustainable Energy, based in San Diego, and co-founded Sustain OC in Orange County.

Mike will fight for Medicare for All, affordable higher education, preventing gun violence, protecting Social Security, a woman’s right to choose, and a $15 federal minimum wage.

Juan Vargas – U.S. Representative, 51st District

Juan Vargas was first elected in 2012 to represent California’s 51st Congressional District, which includes parts of San Diego County, all of Imperial County, and California’s entire U.S.-Mexico border. Previously, Vargas served as a San Diego City Councilman, State Assemblyman, and State Senator.

A former Jesuit priest and child of farmworkers, Juan Vargas personally understands how Mother Earth, as Pope Francis writes, “governs and sustains us,” and how issues of social and environmental justice are interconnected.

A strong renewable energy supporter, Vargas maintains a 96% lifetime score from the League of Conservation Voters and a 99% score from Environment America.

https://votevargas.com

Scott Peters – 52nd Congressional District

Congressman Scott Peters represents California’s 52nd District, which includes Poway, Coronado, and much of San Diego. He is a former environmental attorney, and sits on the Subcommittee on the Environment within the House Committee on Energy and Commerce. He is a member of the Bipartisan Climate Solutions Caucus, and is the Climate Task Force Chair of the Sustainable Energy & Environment Caucus (SEEC). He created the Climate Playbook, containing dozens of bipartisan bills with the potential to pass now, to take immediate steps to combat climate change. He introduced the SUPER Act, based on UCSD research, to combat emissions from short-lived climate pollutants like methane, black carbon, and hydrofluorocarbons. He also recently voted to ban new offshore drilling along our coasts. He is working to preserve our environment, protect our clean air

Candidate Statements continued on page 6
Sierra Club Bus Trips

Part of the largest grassroots environmental organization in the country, Sierra Club provides environmentally friendly outdoor adventures.

Since 1982 the San Diego Chapter has been offering bus trips to a variety of National and State Parks.

What makes these trips special is that they are organized by a fantastic team of volunteer leaders and nobody pays them for their efforts. They do it out of an appreciation for these special places and a passion for sharing them with you. We look forward to having you join us on a bus trip to explore, enjoy and protect the planet.

Save the date for the following trips: 2020

April 22-26, 2020
Tonto National Forest, Arizona
Trip type: Backpack and bus camp/day hikes

May 20-24, 2020
Grand Canyon National Park
Mather Campground
Trip type: Backpack and bus camp/day hikes

July 15-19, 2020
Hoover Wilderness
Trip type: Backpack and bus camp/day hikes

August 12-16, 2020
Yosemite National Park
Trip Type: Backpack and possible bus camp/day hikes

September 10-13, 2020
Santa Rosa Island (Channel Islands National Park)
Trip Type: Short backpack to campground/Day hikes

October 7-11, 2020
Zion National Park
Trip type: Backpack and bus camp/day hikes

For more information or to register for the above Bus Trips, please visit www.sdsierraclub.org.

Like us on Facebook

CST2087766-40. Registration as a seller of travel does not constitute approval by the State of California.
Locations and dates are subject to change due to permit availability.
Sierra Club Against Sprawl

By George Courser and Peter Andersen

There will be two key votes of the people on the March primary ballot. We support a YES on proposition A (aye), the Safeguard our San Diego Countryside (SOS) initiative and a NO vote on proposition B (bad) the Newland Sierra sprawl project. You can find more information on the website Stop Sprawl at https://www.stopsprawl.org/

The cynically named Newland “Sierra” is possibly the most contentious project ever considered by Sierra Club and voters. But it is by no means new. This typical San Diego County Board of Supervisors “ZOMBIE” project keeps coming back in different forms - “Mont Chez,” Stonegate, and Merriam Mountain is the same project fought by Sierra Club for almost 20-years. This project will require massive grading and blasting, along with destruction of historic animal corridors that connect north into Riverside County and west to the coast.

When the County Board of Supervisors approved the project, Sierra Club learned the project would export 70% of the greenhouse gas (GHG) mitigation measures to areas outside San Diego County that are often not real, verifiable, or enforceable and would leave us with greater fire risk and thousands of extra cars on the 1-15 freeways, along with all the resulting air pollution.

But citizens rose up and Sierra Club assisted in gathering signatures to overturn the Board of Supervisors approval with a Referendum ballot initiative. This history making event, was the first time in 150-years a Board of Supervisors’ decision has been challenged to be overturned. The project will now be voted on in the upcoming March election, as Measure B (as in bad). Please vote NO on this destructive and climate ruining project.

In the same election on March 3, voters will get to approve Measure A, the SOS Initiative, to provide San Diego County residents with the ability to prevent sprawl projects that violate the County’s own general plan. Consistent with the general plan, developers would still be allowed to build 60,000 new housing units with a broad range of affordability, including apartments and condos, townhouses, and single-family homes. These homes can still be built without approval from the voters in areas where roads, police, fire and schools already exist.

The Board of Supervisors, often on a 3-2 vote, can amend the General Plan to let developers, many of whom have supported the supervisors’ political campaigns, to build large sprawl housing developments on cheap rural and semi-rural land far from jobs, schools, and services. These sprawl projects would increase fire risk, air pollution and traffic.

Please see the SOS website https://saveoursdcountryside.org/ for further information and how you as a Sierra Club member can assist in the battle to prevent urban sprawl and wildfire risks in the semi-rural and rural areas of San Diego County. Most importantly vote yes on A!

Please attend a benefit concert in Escondido on February 16 (See pg. 12) to support Yes on A and No on B. For tickets and more information go to https://www.stopsprawl.org/

SOLAR PROGRAM

... and of course, your carbon footprint is reduced, helping fight climate change!

Everyone wins when going solar with the Sierra Club Solar Program!

- You save money on your electric bill
- Sierra Club San Diego receives $500
- Regional air pollution is minimized
- You support local union jobs

Sign up for a free site evaluation or check out educational solar events:

www.sierraclubglobalsolarprogram.org
and water, and promote sustainability. He is proud to have received the endorsement of the Sierra Club.

Toni Atkins – CA State Senate, District 39
Growing up in Southwest Virginia, I saw firsthand the negative impacts of mining on the environment and the health of my family and neighbors, sparking my lifelong commitment to environmental justice. Over the course of my 14 years as an elected official, the environment has always been a priority. I’ve tackled issues from the tire problem in the Tijuana River Valley, to statewide issues such as enabling the California Coastal Commission to enforce public access to our beaches.

As the San Diego region works to adopt and implement its climate action plans, local government and local environmental activists will need to be able to rely on proven leadership at the state level. It is at the local level that the impacts of sea level rise will be seen. I am committed to making sure that the San Diego region is well-prepared to take on that challenge.

I pledge to continue to use my position in public service to protect and advocate for the issues that matter most to the Sierra Club and I am honored to have your support for the State Senate.

Tasha Boerner Horvath – State Assembly, 76th District
Hello Friends!
It has been a pleasure to represent Encinitas, Carlsbad, Oceanside, Vista, and Camp Pendleton in the State Assembly over the past year. I’m running for re-election to continue serving as an effective voice for North County, and for the environmental issues we so deeply care about.

In my first year in office, I was proud to support critical environmental legislation such as the Plastics Recycling Bill to require 30% recycled material in single use plastics and SB 1 to protect against Trump’s rollbacks of our air and water quality. I was particularly honored to have my own bill, AB 1017, signed by the Governor, which increases safety in our rail corridors to help promote active transportation and reduce greenhouse gases.

As a fellow environmentalist, I am proud to have earned the endorsements of the Sierra Club, California League of Conservation Voters, and dozens of local Democratic elected leaders. I would be honored to earn your vote and continue fighting with you into 2020.

www.Tasha4Assembly.com
760.237.0350

Lorena Gonzalez Fletcher – State Assembly, 80th District
An environmental lawyer, Assemblymember Lorena Gonzalez Fletcher is a champion for conservation, and clean energy. Since she entered office in 2013, Assemblymember Gonzalez Fletcher has been a strong ally to Sierra Club, championing policies that protect our waters, penalize poachers, and ensure everyone’s right to access to California’s beautiful coasts. Most recently, the assemblywoman celebrated the signing of her Assembly Bill 273 that banned the practice of fur trapping in California. She also secured a local legislative win with the signing of her Assembly Bill 1730, which enables San Diego County’s local leaders to better prepare for the region’s future growth. The measure allows SANDAG additional time to develop a visionary Regional Plan that provides real transportation choices that will enhance connectivity, increase safety and sustainability, and improve quality of life. Ms. Gonzalez Fletcher continues to double down in our fight to curb the negative effects of climate change and protect our planet.

Joe LaCava – San Diego City Council, District 1
Joe has been a community leader for almost two decades, serving on nearly 30 civic boards, local planning groups and commissions. He has a demonstrated commitment to standing up for the environment, with a proven track record of protecting open spaces and improving our quality of life in San Diego. Peter Anderson noted, “Without a doubt, Joe LaCava will be one of our strongest environmental advocates at City Hall.”

Joe’s priorities include the Climate Action Plan, creating a Climate Adaptation Plan, new housing that respects the environment, and responsive neighborhood services.

He advocated for the La Jolla Boulevard roundabouts and has opposed projects damaging to our environment, including SoccerCity, the Preserve at Torrey Highlands, and the original One Paseo project.

A San Diego native, Joe received his Civil Engineering degree from SDSU. Joe and his wife Lorene, a kindergarten teacher, raised two daughters in Bird Rock.

Marni von Wilpert – San Diego City Council, Dist. 5
Marni von Wilpert is currently a Deputy City Attorney, protecting San Diego residents by working to hold environmental polluters accountable, going after the opioid industry, and finding concrete ways to address the city’s homelessness crisis. Marni is running to ensure we address climate change by meeting the City’s climate action goals, protect neighborhoods from wildfires, and invest in a world class transit system to reduce traffic and carbon emissions.

Marni has dedicated her career to public service as a civil rights and labor rights attorney. She has also provided legal representation for people living with HIV/AIDS who faced discrimination in housing, employment, and access to medical care. Before law school, she served as a Peace Corps Volunteer in Botswana.

Statements continued on page 7
Marni grew up in the district, graduated Scripps Ranch High School, and now lives a few miles from her childhood home.

Raul Campillo — District 7

Raul Campillo is a former public school teacher and current Deputy City Attorney for the City of San Diego. Raul’s priorities are to strengthen our local economy by finding immediate, workable solutions to the mental health and homelessness epidemics, building more affordable housing, making public transit safer and faster, protecting Mission Trails and Cowles, and promoting public safety. Born and raised in San Diego, Raul graduated from Uni High School in Linda Vista and Harvard Law School. Raul is particularly excited to serve District 7 (Mission Valley and Linda Vista, east to Lake Murray, and north to Tierrasanta) because it would mean he also is appointed to the San Diego River Conservancy, thereby being in a position to promote the protection of native species, invest in technology to improve water quality, and oversee preservation of the San Diego River watershed.

Sean Elo — San Diego City Council, Dist. 9

As a proud environmentalist and member of the Sierra Club, I am honored to have your endorsement of my campaign for San Diego City Council District 9. I am committed to being a steadfast partner in the fight against climate change and for environmental justice.

Amongst my top priorities is committing the resources for San Diego to reach its Climate Action Plan goals by reducing greenhouse gas emissions, planting more trees, and protecting open space.

The planet is in the midst of an environmental crisis and I firmly believe bold local action can save us. With your help, San Diego can rise to the occasion and move our city toward the future-focused solutions necessary to protect our planet. Now let’s win this race so we can get to work.

www.seanelo.com for more information about how to get involved.

A Wall of Hatred and Corruption

by Javier Sierra

The Trump administration’s immigration policy looks more and more like a play written by some sadistic playwright.

The Army and the Department of Homeland Security are rushing to build a detention facility for immigrant families in Fort Bliss, Texas — a base infamous for its toxic spills, storage of chemical poisons and unexplored munitions, according to documents obtained by Earthjustice through the Freedom of Information Act.

The base houses four Superfund sites, including heavy metals, volatile organic compounds and radioactive materials. Exposure to these toxins can cause cancer, neurological damage and development disorders. Who would come up with the idea of detaining families with young children in such a dreadful place?

Meet Stephen Miller, Donald Trump’s senior immigration advisor, the architect of the “zero tolerance” policy and, according to leaked emails, a white nationalist who detests the Latino and African-American communities.

The documents leaked to the Southern Poverty Law Center contain 900 emails between Miller, who is Jewish, and the white nationalist website Breitbart News during his period as a senior advisor to the Trump Election Campaign in 2016. In those, Miller promotes white nationalist conspiracy theories and supports anti-immigrant and anti-Muslim narratives. His own uncle, David S. Glosser, rejects his nephew’s immigration hardline and publicly reminds him that his Jewish family escaped prosecution or worse in Europe thanks to the very generosity he is now denying to other people in very similar situations.

The consequences of this cruel and racist mentality are heartbreaking.

An investigation by the Associated Press (AP) and PBS revealed that this year, the Trump administration has detained 70,000 immigrant kids, causing irreversible psychological damage to many of them.

AP reporter Frank Bajak tweeted about his colleagues’ work saying, “No other country held as many immigrant children in detention over the past year as the United States — 69,550. The physical and emotional scars are profound.”

This national disgrace is being conducted on behalf of the whole country — in front of the astounded eyes of the rest of the civilized world — as openly as the administration’s scheming efforts to build the wall.

The company Fisher Land & Gravel got a $400-million contract to build part of the wall after Trump personally and repeatedly recommended that they obtain it. The Army Corps of Engineers — the entity in charge of granting the contracts — had rejected Fisher’s proposal ruling it did not meet standards.

Fisher’s dubious contract, which has already triggered calls for investigation in Congress, stipulates the construction of 31 miles of new barriers in the Cabeza Prieta National Wildlife Refuge, Arizona, which will exacerbate even further the catastrophic and irreparable damage this racist project has already inflicted on the borderlands.

Whether these structures are new or reinforcements of existing ones, the level of devastation is staggering, causing flooding and erosion, blocking migration routes of endangered species and destroying landscapes that during millennia have harbored some of the richest habitats in North America.

When hatred and corruption partner to dictate a nation’s immigration policy, the result can exceed the imagination of the cruelest playwright.

Javier Sierra is a columnist for Sierra Club and Associate Director of Communications for Latino Media.
February 14, 2020
Movie: Harvest of Empire: The Untold Story of Latinos in America 2018
1hr 34min
A powerful documentary that exposes the direct connection between the long history of U.S. intervention in Latin America and the immigration crisis we face today. From the territorial expansionist policies that decimated the young economies of Mexico, Puerto Rico and Cuba, to the covert operations that imposed oppressive military regimes in the Dominican Republic, Guatemala, Nicaragua and El Salvador, Harvest of Empire provides an unflinching look at the origins of the growing Latino presence in the United States. Adapted from the landmark book written by journalist Juan Gonzalez, the film tells the story of an epic human saga that is largely unknown to the great majority of citizens in the U.S., but must become part of our national conversation about immigration.

March 13, 2020
Movie: Ellis Island: The Making of a Master Race in America 2018
1hr 9min
This film documents the influence of eugenics on the U.S. immigration policies then and now. It reconstructs the medical and mental examination of “aliens” at Ellis Island, designed to exclude the “inferior stock” from Southern and Eastern Europe, and speaks of the agenda of race purification to create a Master Race in the U.S. through selection, sterilization, and elimination.

Chapter Outings

Chapter Outings are now an online listing only.

With the time gap between publishing and delivery of the HiSierran through the mail we believe this is the best way to get you up to date listings.

Go to: sandiegosierraclub.org
Then click on “Get Outdoors”
Insects are trying to tell us something, if only we spoke “Insectese”. More and more, we are regularly greeted by headlines of pollinator declines and an impending “Insect Apocalypse.” What are insects really telling us about the state of our planet? One study has estimated that the annual value of ecological services provided by insects in the United States to be at least $57 billion. That puts insects at about #54 on the Fortune 500, just above Disney. This microscopic workforce is essential to healthy ecosystems, yet insects are generally viewed as nuisance vermin. It is time for a global lesson in “Insectese”, a foreign language essential to understanding global biodiversity and conservation.

The presenter, Michael Wall, is curator of entomology at the San Diego Natural History Museum. He also currently serves as vice president of science and conservation. Dr. Wall is passionate about collections-based research and regional exploration.

Check out just some of our Sierra Club products at a great price:
http://donate.sierrasd.org/products

Cup with Sierra Club Logo
Price: $11

Cotton Canvas 1892 Retro Sierra Club Rucksack
Sale Price: $21.50

E-conscious organic/recycled ball cap with John Muir silhouette and Sierra Club San Diego.
Price: $20.00
Emerald Forest color cap with oyster colored stitching.
**Eat—and Save the World:**

The simple, healthful thing we all can do for the planet and the future.

By Laura Hunter, Conservation Chair, North County Group

When it comes to our own survival in the stark reality of climate change, time is quickly running out. Yes, there are decisive actions that governments must take to address the climate catastrophe, and Sierra Club will continue to advocate for them.

**But, as individuals we must do our part too.**

Fortunately, there is one action we all can take that is easy, inexpensive, and effective. We can eat a more plant-based diet. The fewer animal products each of us consume, the better our chances will be of arresting the worst aspects of climate change.

There are many reasons to reduce or eliminate animal products from your diet including health, compassion, environmental justice, food security, hunger, loss of biodiversity, impact on wild species, and many others. Here, however, we focus just on the proven, massive, destructive impact on the climate of animal agriculture.

**Consider just a few impacts resulting from our animal-based diets:**

- Emissions from animal agriculture are estimated as high as 51% of worldwide greenhouse gas emissions.
- Animal agriculture is a leading cause deforestation, loss of biodiversity, topsoil depletion and erosion, air and water pollution.
- Thirty-three percent of arable land on Earth is used to grow feed for livestock. Eighty percent of US agricultural land is used for raising animals for food or feed crops.
- Vast areas of forests are cleared and burned for cattle grazing and to grow cattle feed crops. Beef is the primary deforestation driver in Latin America and recent research suggests that it’s also the largest driver globally.
- Feeding massive amounts of grain and water to farmed animals, killing them, then processing, transporting, and storing the product (refrigeration required) is extremely energy intensive.
- It takes an average of 11 times more fossil fuel energy to produce 1 calorie of animal protein than one calorie of plant-based protein. It can be up over 500 times more depending on the type of meat and plant-food being compared.
- Switching to a plant-based diet cuts emissions by up to 50%.
- Methane is a greenhouse gas 86 times more powerful than carbon dioxide. Ruminant animals (sheep, cows, goats) constantly generate methane through their digestive process, called enteric fermentation. This methane released through enteric fermentation and manure from 94.4 million cows in the US creates a significant, and preventable, contribution to climate change.
- The U.S. Environmental Protection Agency has shown that animal agriculture is the single largest source of methane in the U.S.
- Nitrous Oxide has nearly 300 times the warming potential of CO2. Global farm animal production accounts for 65% of global N2O emissions.
- Dairy products are just as damaging or worse. Animals are (ab)used longer before they are slaughtered, but the environmental impacts are the same.
- One million animals an hour are slaughtered to support our eating habits in the US. An hour. If fish and by-catch were included, it would be in the trillions.
- Agriculture uses 80% of our fresh water with half used by animal agriculture.
- Producing 1 kg of animal protein requires about 100 times more water than producing 1 kg of grain protein.
- To save 1,300 gallons of water, you can either stop flushing your toilet for 6 months, stop showering for 3 months, or eat one less meat-based burger.
- 175 threatened or endangered wild species are negatively impacted by animal agriculture.
- Forty percent of grain and 80% of soy are fed, not to people, but to animals.
- If each person cut back our animal consumption by just 10%, one 1 billion animals would be spared a lifetime of suffering each year and the impacts of industrialized animal agriculture would be diminished.
- If we made one change, eating beans instead of beef, we could meet our US climate reduction goals.

**For your health**

Eating more plants is not something you do just for the planet, it is better for your health. A plant-based diet can reverse heart-disease, Type-2 diabetes, obesity, and can improve overall health outcomes in major disease categories. It would also avert some of the 320,000 obesity- and chronic-disease-related deaths each year.

Check out Physicians for Responsible Medicine and the videos What the Health? And Forks Over Knives to learn more. If you are compelled by economic arguments consider the country could save up to $180 billion if we ate according to recommended dietary guidelines and $250 billion annually by forgoing animal products altogether.

What happens if we don’t reduce animal product consumption?

Together, the world’s top five meat and dairy corporations are now responsible for more annual greenhouse gas emissions than Exxon, Shell, or BP. Eighty percent of Amazon deforestation is due to cattle raising.

By 2050, we must reduce global emissions by 38 billion tons to limit global warming to 1.5 degrees Celsius. If all other sectors follow a reduction path while the meat and dairy industry’s growth continues as projected, the livestock sector could ‘eat’ up 80% of the allowable GHG budget in just 32 years.

According to the National Academy of Sciences adoption of...
a plant-based diet could cut food-related emissions by as much as 70% and make people healthier too.

Bottom-line, the world cannot meet global greenhouse gas reduction targets without significantly curbing consumption of animal products. As a high meat eating nation which consumes 2.6 times more meat than the global per capita average, we must help shoulder this responsibility.

**The San Diego Sierra Club community can make a very positive contribution to climate stability by reducing animal consumption.**

Our potential to reduce local emissions, as a San Diego Sierra Club community, is significant. If our 20,000 supporters stopped eating animal products altogether, it would reduce GHG emissions 19,200 tons CO2e tons/annually. With a reduction by 50%, we would reduce by 9,600 tons/year. Just a 10% reduction by our supporters would result in 2,400 tons lower emissions annually. Countywide a mere 10% reduction in consumption of animal products would avoid 267,000 tons of emissions.

San Diego Sierra Club will be looking into adoption of a platform of ways to incorporate climate friendly diets in our work. If you are interested in this topic, please email me at HYPERLINK “mailto:conservation@ncgsierraclub.org” conservation@ncgsierraclub.org

**Eating More Plants will allow the future to be possible.**

Like the stock market, when it comes to the diversity life on this planet past performance is no guarantee of future results. Eating more plants and less animals is an easy way each of us can reduce greenhouse gas emissions, improve our health, and practice our compassion every day.

As we have on so many other issues, let's join together to do our part, for the present and the future.

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**Sierra Club San Diego Chapter Welcomes Our New Executive Committee Members**

Our members have spoken and elected 4 new members to the Chapter Executive Committee. Elected to 1-year terms where Evlyn Andrade and Lisa Ross. Elected to 3-year terms where Cody Petterson and David Rousseau. Continuing to serve on the Executive Committee are David Hogan, Krista Davidson, and Amanda Mascia. The Chapter officers for 2020 are David Hogan, Chair, Lisa Ross, Vice-Chair, and Amanda Mascia, Secretary. The Executive Committee appointed Orion Hudgins to continue as Chapter Treasurer.

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**Sierra Club North County Coastal Group Quarterly Meeting**

**Tuesday, January 28th**

7:00 - 8:30 pm

Encinitas Community Center

**GUEST SPEAKERS:**

Catherine Blakespeare.

Join us for a special presentation from Encinitas Mayor, Catherine Blakespeare who will review her environmental priorities and answer your questions.

**Special Presentation:**

San Diego Needs “Smart Growth” to solve its housing crisis! Learn about the SOS Ballot Measure and how it will prevent urban sprawl.

Years ago the County spent millions developing a Smart Growth plan that our officials ignore. See what actually could happen if SOS does not pass. Learn how we can support development that considers infrastructure issues, wildfire dangers, protection of our wildlife and open spaces and the impact of urban sprawl on our rural settings.

*Meeting is free of charge and open to the public!*

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The North County Group would like to welcome our two newest members to the Executive Committee, Amanda Chaban and Natasha Jaksch, and our returning member, Kit Davis. Although Kelly Conrad and Laura Hunter will no longer be serving on the Executive Committee, they will remained involved in the North County Group, Kelly as the Wilderness Basics Course Chair, and Laura as the Conservation Committee Chair and member of the Political Committee.
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January/February/March  •  Hi Sierran  •  San Diego
Monzogranite Memories
by Bill Tayler

Kids like to climb, and for kids, nothing is more climbable than the rough surface of monzogranite. And for monzogranite, there’s probably no place better than Joshua Tree National Park, which is where San Diego ICO took kids on a camping trip in October.

We spent two nights camping at Indian Cove, which offers countless climbing opportunities right next to camp. While at camp, the kids were on the rocks finding their own personal perches and secret caves even before breakfast, and they kept climbing as the sun set (and well after). In our camp safety talk, we always tell the kids to be careful about rattlesnakes, and, sure enough just a short hike from camp, we found a juvenile Speckled Rattlesnake coiled up on a high ledge waiting for the sun to reach it. In the cool morning, it sat quietly while the kids took turns observing it from a safe distance. For kids, Indian Cove has to be one of the best places for a weekend of camping.

On Saturday, we drove into the heart of the Park and spent the day exploring one of my favorite places – the Wonderland of Rocks area just northeast of Barker Dam. There we found the ruins of an old pink ranch house, granite lizards earning their name, a friendly tarantula crossing the trail, and, of course, endless opportunities to climb up, squiggle inside of, crawl through, and jump over the piles of rocks. We try to bring kids to Joshua Tree twice a year, and we are already looking forward to our next trip in March!

Wheeling for a Worthy Cause

December 7th marked the Bicycle Section’s 26th Annual Jingle Bell Toy Ride. Sierra Club riders braved a downpour to deliver toys to the Salvation Army. They had vowed that neither rain, snow, sleet, or hail would deter them. After all, Santa and his reindeer don’t cancel for inclement weather. In the interest of safety, riders took an abbreviated ride with the hopes of finishing the planned course along the Bayshore Bikepath and Gordy Shields Bicycle Bridge on a sunnier day. Join us! Our rides appear on-line: www.sandiegosierraclub.org/get-outdoors/bicycle
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CHAPTER STAFF
Chapter Director  Richard Miller
858-569-6005
richard.miller@sierraclub.org

Administrative Assistant: Marty Marquez
858-569-6005
martha.marquez@sierraclub.org

EXECUTIVE COMMITTEE
Meets 2nd Wednesday 6:30 pm Chapter office
Chair:  David Hogan (2021)
760-809-9244
hogansierraclub@gmail.com
Vice-Chair: Lisa Ross (2020)
liisa@lisaross.com
www.lisaross.com

SECRETARY: Amanda Mascia (2020)
858-880-8917
amandamascia77@gmail.com

North County Group Rep.
Doug Grover
858-229-7757
dgroverd@gmail.com

North County Coastal Group Rep.
Sally Prendergast
760-525-5156
sallyp123@mac.com
Evlyn Andrade (2020)
evlyn57@gmail.com
Krista Davidson (2021)
404-790-0336
km Davidson90@gmail.com

Cody Petterson (2022)
jcodeyp@hotmail.com
David Rousseau (2022)
bayparkdr@yahoo.com

Treasurer (Non-Voting):
Orion Hudgins
orion@orioncpa.com

COMMITTEES
CONSERVATION COMMITTEE
Meets 2nd Monday at 6:30 pm Chapter Office.
Chair: George Courser 858-231-0156
gcoursere@hotmail.com

International
Call for meeting information
Jean Costa (619) 463-0721

Transportation
David Grubb  760--753-0273
DavidGrubb@sbcglobal.net

Wildlife
Renee Owens 619-201-1965
rene@wildlifezone.net

POLITICAL COMMITTEE
Meets 1st Tuesday at 7:00pm Chapter Office
Chair: Fred Rogers
gerogers@gmail.com

OUTINGS COMMITTEE
Meets quarterly, contact Chair for date and location.
Chair: Bob Stinton
dd.outchair@gmail.com

Leadership Review & Safety Committee
Chair: Michael Taylor (619 -948-2062)
sd.lrcs@gmail.com

Meet quarterly, call for information.

Bus Trips
Mike Fry (858) 748-5166

Chapter Outings Leadership Training (COL)
Stefanie Maio
sd.col.training@gmail.com

Pacific Crest Trail
Rob Langsdorf (858) 454-4777
SDSCPCTS@yahoo.com

SEAL SOCIETY
For meeting and docent information:
Ellen Shively
ellenshively@sbcglobal.net
619-479-3412

WILDERNESS BASICS COURSE (WBC)
Held annually beginning in January
San Diego
Bryan Pray
info@wildernessbasics.com
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INSPIRING CONNECTIONS OUTDOORS (ICO)
Call or check website for meeting information.
www.sandiegosierraclub.org
Chair: Bill Taylor, (858) 272-8574
btaylor@taylorlaw.com

PROGRAM COMMITTEES
Funding/Membership
Richard Miller (858) 569-6005
richard.miller@sierraclub.org

Hi Sierran Newsletter
Managing Editor: Judy Thomas
thomascreative@cox.net

SIERRA TALKS, MONTHLY PROGRAM
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Beach Closure for La Jolla’s Harbor Seal’s Pupping Season

For the past five years on 15 December, a “Beach Closed” sign is placed across the mid level stairs leading to Casa Beach as humans vacate Casa Beach, (Children’s Pool) to give up the sand for the annual harbor seal pupping season. Most humans leave the premises readily as the 60 some degree winter coastal waters are quite chilly. Not so constrained, a number of gravid female harbor seals increase their presence on the sandy beach enclosure to nearly full time to prepare for the arrival of their pups, due around February, March and April. Having “shared the beach” with human recreational activities for the other seven months of the year, the seals need this exclusive use to complete the nine month gestation period, free from visitors and potential disturbances. After birth, the mother nurses her pup for 6 or 7 weeks while earnestly showing it all the skills required for survival in their ocean domain. The weaning is firm and mothers can be seen flipping over when the weaner persists in looking for another easy meal. Females need this free time for their bodies to restore the maternal hormonal balance in preparation for mating season (May to June) to complete the annual reproduction cycle. The Chapter’s Seal Society docents try to take advantage of this time to educate the increased number of visitors to the beach areas wanting to witness this awesome natural annual cycle. We will offer an illustrated “Talk and Walk” at the Mangelsen’s Photo Gallery in La Jolla on a biweekly basis for the general public. We will also continue to provide training to become docents for any interested member (or others). Our training is free, and given in three 1.5 hour sessions, either individually or in a class setting. If you are interested in this satisfying and worthy volunteer offering, please contact co-coordinator of training: ellenshively@sbcglobal.net.

photos courtesy Pam Thomas